

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 1 of 2

USPTO PATENT FULL-TEXT AND IMAGE DATABASE[Home](#)[Quick](#)[Advanced](#)[Pat Num](#)[Help](#)[Next List](#)[Bottom](#)[View Cart](#)

Searching 1976 to present...

Results of Search in 1976 to present db for:
(SPEC/catalyst AND SPEC/"turnover number"): 335 patents.
Hits 1 through 50 out of 335

BEST AVAILABLE COPY[Next 50 Hits](#)[Jump To](#)[Refine Search](#)

spec/catalyst and spec/"turnover number"

- | PAT.
NO. | Title |
|--------------|---|
| 1 6,777,374 | T Process for photo-induced selective oxidation of organic chemicals to alcohols, ketones and aldehydes using flame deposited nano-structured photocatalyst |
| 2 6,737,531 | T Catalysts for hydrogenation and hydrosilylation, methods of making and using the same |
| 3 6,728,641 | T Method and system for selecting a best case set of factors for a chemical reaction |
| 4 6,723,710 | T Compositions for inhibiting arginase activity |
| 5 6,723,349 | T Polyoxometalate materials, metal-containing materials, and methods of use thereof |
| 6 6,716,596 | T Agents for replacement of NAD ⁺ /NADH system in enzymatic reactions |
| 7 6,706,908 | T Method and catalyst composition for producing aromatic carbonates |
| 8 6,703,205 | T Apparatus and methods for correcting for variable velocity in microfluidic systems |
| 9 6,700,009 | T Method and catalyst system for producing aromatic carbonates |
| 10 6,700,008 | T Method and catalyst composition for producing aromatic carbonates |
| 11 6,684,161 | T Combinatorial experiment design method and system |
| 12 6,683,015 | T Method for reactivating a catalyst composition |
| 13 6,682,891 | T Methods of identifying nucleic acid sequences encoding plant riboflavin synthase enzymes |
| 14 6,673,615 | T Characterization of individual polymer molecules based on monomer-interface interactions |
| 15 6,670,515 | T Material constituted by ultrafine metallic and oxide particles |
| 16 6,670,449 | T Hybrid molecules and their use for optically detecting changes in cellular microenvironments |
| 17 6,670,297 | T Late transition metal diimine catalyst |

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=%2Fnetathtml...> 8/19/2004

PAGE 20/37 * RCVD AT 9/3/2004 9:12:53 AM [Eastern Daylight Time] * SVR:USPTO-EFXXF-1/0 * DNIS:8729306 * CSID:703 706 5327 * DURATION (mm-ss):11-50

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 2 of 2

- 18 6,649,823 **T** Gas specie electron-jump chemical energy converter
- 19 6,617,279 **T** Catalyst composition and method for producing diaryl carbonates, using bisphosphines
- 20 6,613,923 **T** Catalytic ionic hydrogenation of ketones using tungsten or molybdenum catalysts with increased lifetimes
- 21 6,613,580 **T** Microfluidic systems and methods for determining modulator kinetics
- 22 6,613,512 **T** Apparatus and method for correcting for variable velocity in microfluidic systems
- 23 6,605,430 **T** DNA shuffling of monooxygenase genes for production of industrial chemicals
- 24 6,573,353 **T** .alpha.-olefins and olefin polymers and processes therefor
- 25 6,566,299 **T** Catalyst system
- 26 6,566,295 **T** Method and catalyst system for producing aromatic carbonates
- 27 6,566,084 **T** Catalytic antibodies against cocaine and methods of using and producing same
- 28 6,548,698 **T** Oxidative carbonylation of toluene catalyzed by rhodium and iridium
- 29 6,545,188 **T** Transfer hydrogenation process and catalyst
- 30 6,544,923 **T** Surface-confined catalytic compositions
- 31 6,534,432 **T** Catalyst compositions for producing aromatic carbonates
- 32 6,524,790 **T** Apparatus and methods for correcting for variable velocity in microfluidic systems
- 33 6,521,784 **T** Process for the preparation of acetic acid or methyl acetate
- 34 6,521,748 **T** Polynucleotide encoding a mutant Rhodotorula glutinis tyrosine ammonia lyase polypeptide
- 35 6,518,446 **T** Method for producing formoxysilane
- 36 6,515,186 **T** Process for obtaining alpha-campholenic aldehyde
- 37 6,514,900 **T** Catalyst system for producing aromatic carbonates
- 38 6,512,134 **T** Method and catalyst system for producing aromatic carbonates
- 39 6,506,924 **T** Method for recovery of catalyst components
- 40 6,495,726 **T** Process for the production of benzaldehyde by the catalytic liquid phase air oxidation of toluene
- 41 6,489,506 **T** Process for the palladium and phosphine ligand catalyzed carbonylation of ethylene
- 42 6,489,103 **T** In vitro sorting method
- 43 6,482,989 **T** Method for oxidizing alkanes and cycloalkanes with aldehydes in the presence of copper-based catalysts and nitrogen-containing compounds
- 44 6,476,255 **T** Production of esters
- 45 6,472,551 **T** Process for the production of diaryl carbonates
- 46 6,465,675 **T** Method and catalyst system for producing aromatic carbonates
- 47 6,455,261 **T** Diagnostic assay using microperoxidase
- 48 6,440,893 **T** Method and catalyst composition for producing aromatic carbonates
- 49 6,440,892 **T** Method and catalyst composition for producing aromatic carbonates
- 50 6,420,589 **T** Process for the production of diaryl carbonates

Next List	Top	View Cart		
Home	Quick	Advanced	Pat Num	Help

PAGE 22/37 * RCVD AT 9/3/2004 9:12:53 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:703 706 5327 * DURATION (mm-ss):11-50

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 2 of 3

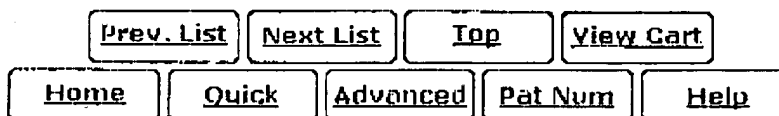
PARTICULAR FOR THE DEGRADATION OF ENVIRONMENTAL
POLLUTANTS AND FOR ALTERING THE RESISTANCE OF PLANTS
SENSITIVE TO PHENYLUREA FAMILY OF HERBICIDES

- 66 6,376,475 T Control of immune responses by modulating activity of glycosyltransferases
- 67 6,372,931 T Transfer hydrogenation process and catalyst
- 68 6,372,683 T Method and catalyst system for producing aromatic carbonates
- 69 6,368,837 T Bioproduction of para-hydroxycinnamic acid
- 70 6,365,538 T Method and catalyst system for producing aromatic carbonates
- 71 6,362,002 T Characterization of individual polymer molecules based on monomer-interface interactions
- 72 6,355,597 T Catalyst system for producing aromatic carbonates
- 73 6,350,597 T Riboflavin synthase genes and enzymes and methods of use
- 74 6,348,603 T Process for the preparation of isochroman-3-ones
- 75 6,346,652 T Asymmetric ring-closing metathesis reactions involving achiral and meso substrates
- 76 6,346,500 T Catalyst system for producing aromatic carbonates
- 77 6,346,499 T Catalyst composition for producing diaryl carbonates using carboxylic acid amide as promoter
- 78 6,323,378 T Method and composition for hydroxylation of aromatic substrates
- 79 6,323,013 T Lumazine synthase and riboflavin synthase
- 80 6,310,229 T Lead halophenoxides and carbonylation catalyst and method for preparing and employing them
- 81 6,310,163 T .alpha.-olefins and olefin polymers and processes therefor
- 82 6,294,374 T Use of catalytic antibodies for synthesizing epothilone
- 83 6,290,926 T Catalysts made from transition metal compounds and 4, 5-diphosphinoacridine-ligands
- 84 6,284,919 T Process for carbonylation of ethylene
- 85 6,265,622 T Method and composition for hydroxylation of aromatic substrates
- 86 6,265,340 T Catalyst composition and method for producing diaryl carbonates
- 87 6,252,048 T DNA sequences encoding fusions of DNA repair proteins and uses thereof
- 88 6,245,929 T Catalyst composition and method for producing diaryl carbonates, using bisphosphines
- 89 6,242,658 T Process for the manufacture of fluorine-substituted hydrocarbons
- 90 6,232,510 T Method and composition for hydroxylation of aromatic substrates
- 91 6,222,002 T Method for preparing polycarbonates by oxidative carbonylation
- 92 6,221,661 T Hairpin ribozymes
- 93 6,218,493 T .alpha.-olefins and olefin polymers and processes therefor
- 94 6,218,326 T Supported molten-metal catalysts
- 95 6,215,015 T Catalyst composition and method for producing diaryl carbonates, using bisphosphines
- 96 6,215,014 T Catalyst composition and method for producing diaryl carbonates
- 97 6,207,849 T Method and catalyst system for producing aromatic carbonates
- 98 6,207,848 T Process for the production of diaryl carbonates
- 99 6,207,648 T Methods of using cytochrome P450 reductase for the enhancement of P450-based

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 3 of 3

anti-cancer gene therapy

100 6,207,399 T Methods of determining endogenous thrombin potential (ETP) and thrombin substrates for use in said methods



Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 1 of 3

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

Home	Quick	Advanced	Pat Num	Help
Prev. List	Next List	Bottom	View Cart	

Searching 1976 to present...

Results of Search in 1976 to present db for:
(SPEC/catalyst AND SPEC/"turnover number"): 335 patents.
Hits 101 through 150 out of 335

[Prev. 50 Hits](#)[Next 50 Hits](#)[Jump To](#)[Refine Search](#) spec/catalyst and spec/"turnover number"

PAT. NO.	Title
101 6,201,146	T Method and catalyst system for producing aromatic carbonates
102 6,197,991	T Method and catalyst system for producing
103 6,197,957	T Process for preparing derivatives of (halo)amino-1,3,5-triazines by carbonylation
104 6,193,943	T Catalytic applications of mesoporous metallosilicate molecular sieves and methods for their preparation
105 6,191,318	T Process for preparing hydroxylated aromatics by hydrogen and oxygen
106 6,191,299	T Method for making aromatic carbonates
107 6,184,428	T Catalyst and process for ethylene oligomerization
108 6,184,409	T Method and catalyst system for producing aromatic carbonates
109 6,184,013	T Catalytic antibodies against cocaine and methods of using and producing same
110 6,180,836	T Preparation of phenol via one-step hydroxylation of benzene catalyzed by copper-containing molecular sieve
111 6,180,812	T Catalyst composition and method for producing diaryl carbonates using amide as promoter
112 6,180,788	T Catalyst compositions
113 6,177,270	T Reaction-based selection for expression of and concentration of catalytic moieties
114 6,175,033	T Method and catalyst system for producing aromatic carbonates
115 6,172,254	T Catalyst composition and method for producing diaryl carbonates using nitrile as promoter

T

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 2 of 3

- 116 6,166,226 Synthesis of aryl ethers
- 117 6,166,082 **T** Substituted 5-biarylpentanoic acids and derivatives as matrix metalloprotease inhibitors
- 118 6,160,155 **T** Method and catalyst system for producing aromatic carbonates
- 119 6,160,154 **T** Method and catalyst system for producing aromatic carbonates
- 120 6,146,866 **T** Lumazine synthase and riboflavin synthase
- 121 6,143,914 **T** Method and catalyst system for producing aromatic carbonates
- 122 6,143,913 **T** Method and catalyst system for producing aromatic carbonates
- 123 6,140,439 **T** Polymers of cyclopentene
- 124 6,133,478 **T** Catalyst and process for preparing amides
- 125 6,133,402 **T** Polycarbonates made using high activity catalysts
- 126 6,127,575 **T** Process for preparing n,n'-disubstituted urea using selenium-based catalyst
- 127 6,123,959 **T** Aqueous composition comprising active ingredients for the de-pigmentation of the skin
- 128 6,121,446 **T** Preparation of tris-substituted alkoxycarbonylamino-1,3,5-triazine compounds
- 129 6,121,296 **T** Transition-state inhibitors for nucleoside hydrolase and transferase reactions
- 130 6,121,007 **T** Reaction-based selection for expression of and concentration of catalytic moieties
- 131 6,114,564 **T** Catalyst composition and method for producing diaryl carbonates
- 132 6,114,563 **T** Method and catalyst system for producing aromatic carbonates
- 133 6,107,422 **T** Copolymer of an olefin and an unsaturated partially fluorinated functionalized monomer
- 134 6,096,715 **T** Chimeric DNA-RNA catalytic sequences
- 135 6,090,363 **T** Method of opening and filling carbon nanotubes
- 136 6,087,481 **T** Olefin hydroformylation process in a two-phase system
- 137 6,075,152 **T** Process for preparing isochroman-3-ones
- 138 6,063,566 **T** Catalytic RNA molecules
- 139 6,048,717 **T** Inhibitors of catalytic antibodies
- 140 6,046,036 **T** DNA sequences encoding fusions of DNA repair proteins and uses thereof
- 141 6,037,297 **T** Catalyst complexes and polymers therefrom
- 142 6,034,262 **T** Method for the preparation of carbonates by a continuous process
- 143 6,034,259 **T** α -olefins and olefin polymers and processes therefor
- 144 6,015,714 **T** Characterization of individual polymer molecules based on monomer-interface interactions
- 145 6,002,034 **T** Bis(arylimino)acenaphthene nickel(Π) complexes
- 146 6,001,625 **T** Site-directed mutagenesis of esterases
- 147 5,990,285 **T** Catalytic antibodies against cocaine
- 148 5,985,859 **T** Methods of inhibiting bacterial sialidase
- 149 5,977,411 **T** Catalytic hydrogenation of nitrobenzene to 4-aminodiphenylamine in the presence of a hydroxyl compound and a solvent
- 150 5,977,314 **T** Catalytic antibodies against cocaine

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 1 of 3

USPTO PATENT FULL-TEXT AND IMAGE DATABASE[Home](#)[Quick](#)[Advanced](#)[Pat Num](#)[Help](#)[Prev. List](#)[Next List](#)[Bottom](#)[View Cart](#)

Searching 1976 to present...

Results of Search in 1976 to present db for:

(SPEC/catalyst AND SPEC/"turnover number"): 335 patents.

Hits 151 through 200 out of 335

[Prev. 50 Hits](#)[Next 50 Hits](#)[Jump To](#)[Refine Search](#)

spec/catalyst and spec/"turnover number"

PAT. NO.	Title
151 5,972,305	T Direct manufacturing method of hydrogen peroxide
152 5,958,202	T Capillary electrophoresis enzyme immunoassay
153 5,955,603	T Porphyrins and porphyrin synthesis techniques
154 5,955,555	T Polymerization of ethylene
155 5,936,126	T Process for reacting an organic compound in the presence of a supported ruthenium catalyst
156 5,932,756	T Catalyst and process for preparing amides
157 5,932,559	T Treatment of hyperandrogenic conditions
158 5,916,989	T Polymers of C.sub.4 and higher .alpha.-olefins
159 5,914,245	T Solid phase enzyme kinetics screening in microcolonies
160 5,910,618	T Process for preparing 2,3-dimethyl-2-butene
161 5,908,924	T Cloning and expression of the gene encoding thermoanaerobacter ethanolicus 39E secondary-alcohol dehydrogenase and enzyme biochemical characterization
162 5,908,805	T Preparation of transition metal/phosphine catalysts by hydrogen reduction
163 5,902,916	T Process for reacting an organic compound in the presence of a ruthenium catalyst formed in situ
164 5,898,079	T Method for preparing diaryl carbonates employing hexaalkylguanidinium halides
165 5,892,101	T Cross-dimerization of olefins
166 5,891,963	T .alpha.-olefins and olefin polymers and processes therefor

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/sear...> 8/19/2004

PAGE 27/37 * RCVD AT 9/3/2004 9:12:53 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNS:8729306 * CSID:703 706 5327 * DURATION (mm-ss):11-50

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 2 of 3

- 167 5,891,648 **T** Reaction-based selection for expression of and concentration of catalytic moieties
- 168 5,886,224 **T** α -diimines for polymerization catalysts
- 169 5,886,043 **T** Substituted 4-biarylbutyric acid derivatives as matrix metalloprotease inhibitors
- 170 5,886,024 **T** Thiophene-containing butonic acid derivatives as matrix metalloprotease inhibitors
- 171 5,886,022 **T** Substituted cycloalkanecarboxylic acid derivatives as matrix metalloprotease inhibitors
- 172 5,880,323 **T** Processes for making α -olefins
- 173 5,880,241 **T** Olefin polymers
- 174 5,876,587 **T** Electrochemical synthesis of transition metal/phosphine catalysts
- 175 5,874,632 **T** Method of producing ketoisophorone
- 176 5,874,473 **T** Substituted cycloalkanecarboxylic acid derivatives as matrix metalloprotease inhibitors
- 177 5,869,339 **T** HIV targeted hairpin ribozymes
- 178 5,866,701 **T** HIV targeted hairpin ribozymes
- 179 5,866,663 **T** Processes of polymerizing olefins
- 180 5,861,477 **T** Cyclic peptide catalysts modeled on enzyme active sites
- 181 5,861,428 **T** Substituted 4-biarylbutyric acid derivatives as matrix metalloprotease inhibitors
- 182 5,861,427 **T** Substituted 4-biarylbutyric acid derivatives as matrix metalloprotease inhibitors
- 183 5,859,047 **T** Substituted 4-biarylbutyric acid derivatives as matrix metalloprotease inhibitors
- 184 5,858,785 **T** HIV targeted ribozymes
- 185 5,856,188 **T** Hairpin ribozymes
- 186 5,855,864 **T** Catalytic applications of mesoporous metallosilicate molecular sieves and methods for their preparation
- 187 5,854,277 **T** Thiophenebutanoic acid derivatives as matrix metalloprotease inhibitors
- 188 5,852,145 **T** Polymerization processes for olefins
- 189 5,847,166 **T** Synthesis of aryl ethers
- 190 5,817,848 **T** Bidentate phosphine ligand
- 191 5,817,830 **T** Pyrrolic compounds
- 192 5,810,985 **T** Electrophoretically mediated chemical analysis
- 193 5,808,121 **T** Catalyst compositions and process of making polyketones therewith
- 194 5,807,688 **T** Catalytic antibodies for carbamate activation by a non-spontaneous reaction mechanism
- 195 5,795,782 **T** Characterization of individual polymer molecules based on monomer-interface interactions
- 196 5,795,750 **T** Process for the continuous enzymatic extraction of hydrophobic products and device suitable therefor
- 197 5,789,434 **T** Derivatives of substituted 4-biarylbutyric acid as matrix metalloprotease inhibitors
- 198 5,786,496 **T** High oxidation state metal oxo complexes of the PHAB ligand
- 199 5,776,576 **T** Phthalocyanine compound as a layer in optical recording medium
- 200 5,759,834 **T** Synthetic sterically-constrained pepzyme catalysts modeled on lysozyme and ribonuclease

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 1 of 3

USPTO PATENT FULL-TEXT AND IMAGE DATABASE[Home](#)[Quick](#)[Advanced](#)[Pat Num](#)[Help](#)[Prev. List](#)[Next List](#)[Bottom](#)[View Cart](#)

Searching 1976 to present...

Results of Search in 1976 to present db for:

(SPEC/catalyst AND SPEC/"turnover number"): 335 patents.

Hits 201 through 250 out of 335

[Prev. 50 Hits](#)[Next 50 Hits](#)[Jump To](#)[Refine Search](#)

spec/catalyst and spec/"turnover number"

PAT. NO.	Title
201 5,756,480	T Treatment of hyperandrogenic conditions
202 5,756,417	T Catalyst compositions
203 5,738,986	T Analytical reagent particle with covalently-bound enzyme
204 5,728,890	T Process for producing a cycloalkanol and cycloalkanone
205 5,719,039	T Enzyme-surfactant ion-pair complex catalyzed reactions in organic solvents
206 5,712,402	T Catalytic applications of mesoporous metallosilicate molecular sieves and methods for their preparation
207 5,683,902	T Human papilloma virus inhibition by a hairpin ribozyme
208 5,679,749	T Olefin epoxidation using niobium-containing zeolites
209 5,679,237	T Electrochemical synthesis of transition metal/phosphine catalyst compounds
210 5,641,723	T Process for the preparation of highly active doped metal supported catalysts
211 5,631,148	T Ribozymes with product ejection by strand displacement
212 5,631,137	T Reaction-based selection for expression of and concentration of catalytic moieties
213 5,618,930	T Phthalocyanine compound and method for making, nitro-substituted phthalocyanine compound, amino-substituted phthalocyanine compound, phthalocyanine-containing polymer and method for making, catalyst, and optical recording medium
214 5,618,512	T Niobium-containing zeolites
215 5,602,015	T Autoantibodies which enhance the rate of a chemical reaction
216 5,599,538	T Autoantibodies which enhance the rate of a chemical reaction

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/sear...> 8/19/2004

PAGE 29/37 * RCVD AT 9/3/2004 9:12:53 AM [Eastern Daylight Time] * SVR:USPTO-EFXXRF-1/0 * DNIS:8729306 * CSID:703 706 5327 * DURATION (mm-ss):11-50

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 2 of 3

- 217 5,595,873 **T** T. thermophila group I introns that cleave amide bonds
- 218 5,580,485 **T** Bleach activation
- 219 5,563,263 **T** D.sub.4 -symmetric porphyrin-based catalysts, processes for preparing same, and processes for using same
- 220 5,557,014 **T** Catalytic system for olefin oxidation to carbonyl products
- 221 5,527,895 **T** HIV targeted hairpin ribozymes
- 222 5,525,566 **T** Palladium phosphine ligand catalyst
- 223 5,516,900 **T** Phthalocyanine compounds containing either a polymerizable vinyl group, a nitro group, or an amino group
- 224 5,506,363 **T** Catalytic system for olefin oxidation to carbonyl products
- 225 5,498,789 **T** Method of producing aromatic carbonate
- 226 5,459,032 **T** Method of conducting a non-instrumental test to determine catalyst presence
- 227 5,445,942 **T** Amplification assay for hydrolase enzymes
- 228 5,424,440 **T** Fluorescent benzothiazole derivatives
- 229 5,414,110 **T** Ru-Sn hetero-polynuclear complex and process for producing acetic acid or methyl acetate by using the same
- 230 5,405,752 **T** Enzyme conjugate prepared with insoluble nanoparticle
- 231 5,403,711 **T** Nucleic acid hybridization and amplification method for detection of specific sequences in which a complementary labeled nucleic acid probe is cleaved
- 232 5,382,332 **T** Method for electrolytic reduction of carbon dioxide gas using an alkyl-substituted Ni-cyclam catalyst
- 233 5,358,860 **T** Stereoselective epoxidation of alkenes by chloroperoxidase
- 234 5,352,813 **T** Carbonylation of methanol using a novel transition metal catalyst
- 235 5,349,115 **T** Dimerization of low α -olefins
- 236 5,322,913 **T** Polysilazanes and related compositions, processes and uses
- 237 5,304,631 **T** Synthetic helizyme enzymes
- 238 5,288,818 **T** Method for separating a water soluble noble metal catalyst from a noble metal catalyzed hydroformylation reaction
- 239 5,284,563 **T** Electrode catalyst for electrolytic reduction of carbon dioxide gas
- 240 5,254,742 **T** Process for preparing 2-hexene-1,6-dial
- 241 5,236,836 **T** Autoantibodies which enhance the rate of a chemical reaction
- 242 5,236,825 **T** Polyvalent metal ion-containing antibody combining site catalysts
- 243 5,223,634 **T** Molecular water oxidation catalyst
- 244 5,215,667 **T** Method for separating water soluble noble metal catalyst from a noble metal catalyzed hydroformylation reaction
- 245 5,194,585 **T** Inhibitors of catalytic antibodies
- 246 5,191,103 **T** Process and composition for promoting hydrosilylation reactions using sterically hindered nitrogen-containing and phosphorus-containing compounds
- 247 5,179,224 **T** Preparation process of cinnamate ester
- 248 5,177,258 **T** Method of production of biaryl derivatives
- 249 5,162,279 **T** Immobilized metal complexes
- 250 5,140,050 **T** Titania catalysts, their preparation, and use in Fischer-Tropsch synthesis

USPTO PATENT FULL-TEXT AND IMAGE DATABASE[Home](#)[Quick](#)[Advanced](#)[Pat Num](#)[Help](#)[Prev. List](#)[Next List](#)[Bottom](#)[View Cart](#)

Searching 1976 to present...

Results of Search in 1976 to present db for:

(SPEC/catalyst AND SPEC/"turnover number"): 335 patents.

Hits 251 through 300 out of 335

[Prev. 50 Hits](#)[Final 35 Hits](#)[Jump To](#)[Refine Search](#)

spec/catalyst and spec/"turnover number"

PAT. NO.	Title
251 5,136,105	T Oxidation of terminal olefins to aldehydes
252 5,132,259	T Method for reactivating catalysts used in catalytic vapor phase process for producing dihydrocarbyl carbonates
253 5,108,970	T Catalysts and process for oligomerization of olefins with nickel-containing zeolite catalysts
254 5,103,064	T Process for producing a carbonyl compound
255 5,099,061	T Rhodium-catalyzed olefin dimerization
256 5,099,048	T Rhodium-catalyzed olefin dimerization
257 5,087,755	T Process for producing aromatic amines by reduction of aromatic nitro compounds
258 5,077,447	T Process for making olefins
259 5,047,324	T Substantially pure enzyme-antibody conjugate preparations
260 5,047,132	T Apparatus for catalytically reducing dioxygen using dirhodium complexes
261 5,012,008	T Supported amorphous phase heterogeneous catalysts for biphasic hydroformylation
262 5,008,422	T Polysilazanes and related compositions, processes and uses
263 5,004,837	T Process for preparing a cycloalkanone and/or cycloalkanol
264 5,004,827	T Catalytic vapor phase process for producing dihydrocarbyl carbonates
265 4,992,406	T Titania-supported catalysts and their preparation for use in Fischer-Tropsch synthesis
266 4,920,055	T Conversion of alcohols to aldehydes and hydrogen peroxide by substrate and product tolerant methanol oxidases

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 2 of 3

- 267 4,904,370 **T** Electrochemical organic reactions via catalytic halide substitution
- 268 4,892,822 **T** Enzyme-catalyzed reactions involving diphenyl carbonate
- 269 4,873,379 **T** Process for making 1,3-diols from epoxides
- 270 4,867,840 **T** Method of making artificially textured layered catalyst
- 271 4,855,528 **T** Catalysts and process for oligomerization of olefins with nickel-containing zeolite catalysts
- 272 4,847,231 **T** Mixed ruthenium catalyst
- 273 4,831,008 **T** Method for the preparation and application of rhodium catalysts for the hydrogenation of aromatic and other unsaturated compounds under mild condition
- 274 4,812,396 **T** Method for detecting enzymatic activity using particle agglutination
- 275 4,812,395 **T** Method for detecting enzymatic activity using particle agglutination
- 276 4,789,630 **T** Ionic compounds containing the cationic merquinone of a benzidine
- 277 4,788,309 **T** Method of forming compounds having Si-N groups and resulting products
- 278 4,761,209 **T** System for the extraction and utilization of oxygen from fluids
- 279 4,756,807 **T** Chemically modified electrodes for the catalytic reduction of CO.sub.2
- 280 4,714,692 **T** Microemulsion impregnated catalyst composite and use thereof in a synthesis gas conversion process
- 281 4,711,708 **T** Chemically modified electrodes for the catalytic reduction of CO.sub.2
- 282 4,705,771 **T** Process and catalyst for the production of formaldehyde from methane
- 283 4,681,968 **T** Method of producing adiponitrile
- 284 4,661,623 **T** Method of producing methyl formate from methanol and carbon monoxide using anionic group VIII metal catalysts
- 285 4,661,620 **T** Preparation process of cinnamate esters
- 286 4,642,284 **T** Method and system for detection of complement pathway activation
- 287 4,612,383 **T** Method of producing polysilazanes
- 288 4,607,127 **T** Process and catalyst for the production of formaldehyde from methane
- 289 4,602,987 **T** System for the extraction and utilization of oxygen from fluids
- 290 4,547,595 **T** Method of reactivating Group VIII anionic hydroformylation catalysts
- 291 4,533,651 **T** Catalysts for olefin oligomerization and isomerization
- 292 4,528,405 **T** Aldol condensation of enolizable aldehydes using a metal carboxylate catalyst
- 293 4,526,722 **T** Manufacture of diacyloxy aromatic compounds
- 294 4,519,954 **T** Leach resistant catalyst useful for the dimerization of acrylic compounds
- 295 4,514,521 **T** Manufacture of oxygenated compounds
- 296 4,504,371 **T** Process for the photocatalytic isomerization of olefins utilizing a mixed metal cluster
- 297 4,482,647 **T** Manufacture of oxygenated compounds
- 298 4,465,633 **T** Manufacture of aryl esters
- 299 4,429,056 **T** Manufacture of oxygenated compounds
- 300 4,421,862 **T** CO Hydrogenation and alcohol homologation by means of soluble group VIII homogeneous catalysts

[Prev. List](#)[Next List](#)[Top](#)[View Cart](#)

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 1 of 2

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

Home	Quick	Advanced	Pat Num	Help
Prev. List	Bottom	View Cart		

Searching 1976 to present...

Results of Search in 1976 to present db for:

(SPEC/catalyst AND SPEC/"turnover number"): 335 patents.

Hits 301 through 335 out of 335

[Prev. 50 Hits](#)

[Jump To](#)

[Refine Search](#) spec/catalyst and spec/"turnover number"

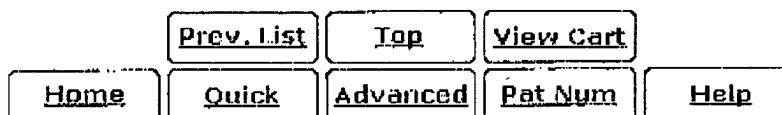
PAT. NO.	Title
301 4,421,617	T Photolytic production of hydrogen from water
302 4,415,749	T Catalytic process for the selective formation of ethanol and methyl acetate from methanol and synthesis gas
303 4,394,293	T Catalyst for the photolytic production of hydrogen from water
304 4,384,981	T Hydrogenation process utilizing novel catalyst
305 4,382,846	T Simultaneous production of hydrogen and oxygen from water
306 4,370,507	T Ethanol from methanol and synthesis gas
307 4,361,499	T Catalyst for converting methanol and synthesis gas to ethanol
308 4,355,174	T Preparation of 5(halophenyl)salicylic acid compounds
309 4,320,032	T Catalyst for hydrogenation of aromatic dinitriles
310 4,309,314	T Catalytic composition for the selective formation of ethanol and methyl acetate from methanol and synthesis gas
311 4,301,032	T Thorium oxide-containing catalyst and method of preparing same
312 4,287,095	T High surface area transition metal catalysts and method of preparing same
313 4,277,627	T Hydroformylation process
314 4,273,724	T Hydrocarbon synthesis from CO and H.sub.2 using titanium promoted bulk nickel catalysts
315 4,272,410	T Catalyst for preparation of oxygenates from carbon monoxide and hydrogen
316 4,266,086	T Process for removing .alpha.-acetylenes from diolefins
317 4,259,527	T Molybdenum and tungsten peroxo complexes useful as oxidation catalysts
318 4,256,653	T Preparation and use of high surface area transition metal catalysts

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netahtml/sear...> 8/19/2004

PAGE 33/37 * RCVD AT 9/3/2004 9:12:53 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:703 706 5327 * DURATION (mm-ss):11-50

Patent Database Search Results: spec/catalyst and spec/"turnover number" in 1976 to pres... Page 2 of 2

- 319 4,247,478 **T** Process and catalyst for hydrogenation of aromatic dinitriles
320 4,237,315 **T** Preparation of 5(halophenyl)salicylic acid compounds
321 4,228,060 **T** Polymerization of acetylene
322 4,210,597 **T** Preparation of oxygenates from carbon monoxide and hydrogen
323 4,208,479 **T** Label modified immunoassays
324 4,200,716 **T** Process for polymerizing acetylene
325 4,174,355 **T** Process for removing .alpha.-acetylenes from diolefins
326 4,171,313 **T** Molybdenum and tungsten peroxo complexes useful as oxidation catalysts
327 4,152,230 **T** Photooxidation process
328 4,116,996 **T** Catalyst for methane production
329 4,093,643 **T** Catalytic formation of hydrocarbons from CO, H.sub.2 mixtures and process for maintaining catalytic activity
330 4,071,473 **T** Preparation and use of high surface area transition metal catalysts
331 4,039,385 **T** Cardiac glycoside enzyme conjugates
332 4,013,734 **T** Novel catalyst and its use for steam hydroconversion and dealkylation processes
333 4,002,658 **T** Methanation catalyst and process of using the same
334 3,987,009 **T** Transition metal catalyst compositions
335 3,941,819 **T** Catalytic formation of hydrocarbons from CO hydrogen mixtures



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☒ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☒ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.